

Patent Abstracts of Japan

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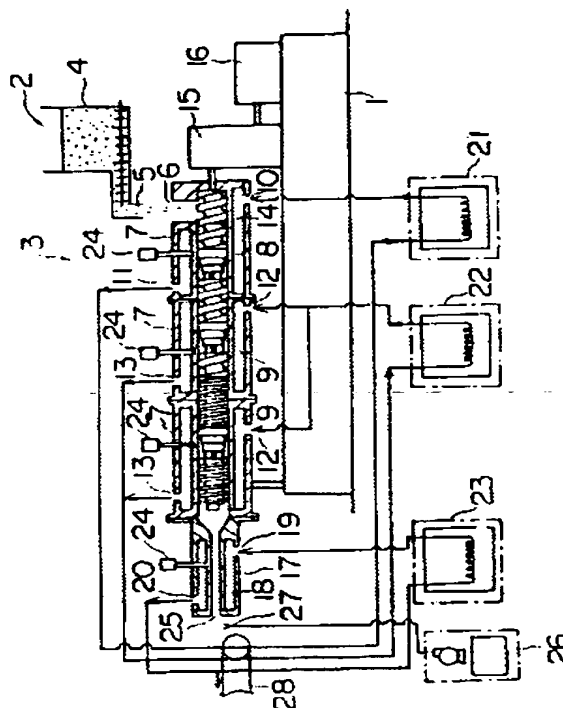
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APPLICANT : JAPAN STEEL WORKS LTD:THE;

INVENTOR : TSUKUI SADAJI;

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TITLE : PRODUCTION OF MOLDED
CHOCOLATE PRODUCT AND
APPARATUS THEREFOR



ABSTRACT : PURPOSE: To eliminate need of a casting in a mold and a cooling step by extrusion molding a raw material mixture through a twin-screw type extruder having complete meshing type twin screws rotating in different directions while cooling the raw material mixture.

CONSTITUTION: A raw material mixture is conveyed in plural barrels 7 of a twin-screw extruder 3 having complete meshing type twin screws 14 rotating in different directions while being mixed and kneaded. Cooling water is circulated through a jacket 8 and heating water is circulated through a jacket 9. Cooling water is circulated through a jacket 18 and the raw material mixture in a molten form is extrusion molded through a nozzle hole 25 of a cooling die 17 while being cooled. A molded product, molded and solidified with the cooling die 17 and cooling air 27 is taken off by a conveyor 28.

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